| **Search Notes** | **Application/Control No.** | **Applicant(s)/Patent Under Reexamination** |
|---|---|---|
| | 10693429 | WALTON ET AL. |
| | **Examiner** | **Art Unit** |
| | MARCUS R SMITH | 2467 |

| **SEARCHED** | | | |
|---|---|---|---|
| **Class** | **Subclass** | **Date** | **Examiner** |
| | | | |

| **SEARCH NOTES** | | |
|---|---|---|
| **Search Notes** | **Date** | **Examiner** |
| limited text search in 370/328,334,337-338.ccls. | updated 10/24/11 (1/30/12) | MS |
| (MIMO with (spatial or multiplex$6 or spatial multiplex$4)).ab. | 8/13/08 | MS |
| (mimo with (space or diversity or spatial)) and (space near3 diversity or spatial near3 multiplex$4) with (rate or mode) | 8/13/08 | MS |
| (MIMO with (spatial or multiplex$6 or spatial multiplex$4 or space or diversity)).bsum. | 8/13/08 | MS |
| MIMO with channel and (vector) and spatial$4 with (channel$3 or multiplex$6 or mode) and (crosstalk or interfer$6 near4 cancel$6) and correlat$6 and (MMSE or square error) and @ad<="20031130" | 8/13/08 | MS |
| MIMO and null steer$ | 1/27/09 | MS |
| (steer$ or non-steer$ or non steer$4) same (MIMO or ( spatial$ same multiplex$)) | 1/27/09 | MS |
| spat$4 with multiplex$ same diversity and  MIMO | 8/31/09 | MS |
| inventor name search  in EAST and PALM | updated 10/24/11 (1/30/12) | MS |
| limited text search in 370/208-210.ccls. | updated 10/24/11 (1/30/12) | MS |
| limited text search in 375/260-267,299,345,347-348.ccls. | updated 10/24/11 (1/30/12) | MS |
| MIMo same (OFDm$2 or channel) and spatial near3 (multiplex$4 or process$4) same (vector$4 or eigen$5) and spatial near3 (multiplex$4 or process$4) same (cod$4 or modulat$4 or decod$4 or crosstalk or interference with (cancel$ or reduce) or channel with matrix or MMSE) | 3/19/10 (updated 7/15/10, 11/01/10, 3/16/11, 7/15/11, 1/30/12) | MS |
| spatial with (multiplex$ or process$4) same (steer$ or vector or beamform$4) same MIMO | 7/15/10 | MS |

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## INTERFERENCE SEARCH

| Class | Subclass | Date | Examiner |
|-------|----------|------|----------|
| | see search notes | 3/26/10 (updated 7/15/10, 11/01/10, 3/16/11, 7/15/11, 10/24/11, 1/30/12) | MS |